

# Exploring the River

Tools to promote learning on the Still River Greenway



A Recreational Trails Grant Proposal submitted by the City of Danbury

August 26, 2009



STATE OF CONNECTICUT  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF OUTDOOR RECREATION  
DIVISION OF STATE PARKS & PUBLIC OUTREACH

## Recreational Trails Program Application

Print or type unless otherwise noted.

**NOTE:** Projects selected for funding under this program are subject to the requirements of the National Environmental Policy Act (NEPA); the Clean Water Act (CWA); the Uniform Relocation and Real Property Acquisition Policies Act of 1970 (Uniform Act); the American with Disabilities Act and the Civil Rights act of 1964; and the National Historic Preservation Act (NHPA), each as amended. No recreational project using federal funds shall discriminate on the grounds of race, color, or national origin and may not exclude any person from the use of such improvement or new trail facility. For more information please see 49 CFR Part 21. The requirements of Section 4(f) of the FHWA regulations do not apply to this program.

**DEP USE ONLY**

☐ **Approved**

☐ **Denied**

By: \_\_\_\_\_

### Part I: General Information

Project Title: **"Exploring the River": access for education on the Still River**

Estimated Project Cost: **\$ 43,000** (include labor)

Total Amount Requested: **\$ 33,000** (up to 80% of total cost)

Total Project Area: \_\_\_\_\_ Acres: **10 acres** Length of Trail: **1 mile**

Project Proposal Type (check appropriate box):

☐ Development ☐ Renovation ☐ Maintenance ☐ Acquisition ☒ Education

### Part II: Applicant Information

1. Applicant Information:

Name: **Scott LeRoy**

Title: **Director of Health**

Mailing Address: **155 Deer Hill Avenue**

City/Town: **Danbury**

State: **Ct** Zip Code: **06810**

Business Phone: **203-797-4625**

ext. \_\_\_\_\_ Fax: \_\_\_\_\_

Email: **s.leroy@ci.danbury.ct.us**

2. Chief Executive Officer:

Name: **Mark Boughton**

Title: **Mayor**

Mailing Address: **155 Deer Hill Avenue**

City/Town: **Danbury**

State: **Ct** Zip Code: **06810**

Business Phone: **203-797-4511**

ext. \_\_\_\_\_ Fax: \_\_\_\_\_

Email: **m.boughton@ci.danbury.ct.us**

## Part II: Applicant Information (continued)

3. Grant Administrator:

Name: **Scott Leroy**

Title: **Director of Health**

Address: **155 Deer Hill Avenue**

City/Town: **Danbury**

State: **Ct**

Zip Code: **06810**

Business Phone: **203-797-4625**

ext.

Fax:

Email: **S.Leroy@ci.danbury.ct.us**

4. Organization or Municipality's Tax ID (FEIN) Number: **066001868**

5. Legal name for your Organization ([www.concord-sots.ct.gov](http://www.concord-sots.ct.gov)) or Municipality ([www.ct.gov](http://www.ct.gov)): **City of Danbury**

6. Legislative District (STATE): **110**  
([www.cga.ct.gov](http://www.cga.ct.gov))

7. US Congressional District: **5th**  
([www.house.gov](http://www.house.gov))

8. Property owner information, if different than applicant:

Name: **see attached table in Attachment A**  
**Buffalo-Wilson Creek**

Title: **Danbury Industrial Corporation and**

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

Fax:

Email:

**Note:** If the applicant is not the property owner, permission for public recreational access must be documented. Include such documentation as Attachment A.

## Part III: Project Information

1. Project Description: Describe the project as it relates to providing and/or enhancing a public recreational trail. Trail projects must be on publicly accessible land. Describe any unique or imaginative ways this project will meet the recreational need of the community.

**The City of Danbury seeks funding from DEP to subsidize instruments and equipment for conducting environmental observation field trips, research activities on the floodplain and riverine environments and maintenance of the Greenway to facilitate access to the observation and research sites. See attached project narrative for more detail.**

☒ Check here if additional sheets are necessary, and label and attach them to this sheet.

## **Summary: *Exploring the River: Tools to promote environmental learning on the Still River Greenway***

The City of Danbury seeks funding from DEP to subsidize equipment and the organization of a permanent process for conducting environmental observation field trips, research activities on the floodplain and riverine environments and maintenance of the Greenway to facilitate access to the observation and research sites.

The development of the Still River Greenway has been a decade-long effort, initiated by City of Danbury in 1996. The creation of the Still River Greenway stemmed from the success of the 1993 upgrade of the Danbury Sewage Treatment Plant which removed ammonia from its discharge. Almost immediately after the Sewage Treatment Plant upgrade came on line, fish were observed in the Still River for the first time in recent history<sup>1</sup>. As a result of the environmental success story of the return of aquatic life to the Still river, the City of Danbury embarked on the creation of the Still River Greenway to showcase the restored natural resource of the River and its floodplain.

The City strived to create the greenway, obtaining easements from private property owners for the corridor strip where the Greenway trail was planned, designing and installing environmental restoration demonstration projects on the river bank and the floodplain, installing "history wall" museum display in the floodplain, building a handicap accessible pedestrian bridge (along with a half mile handicap accessible walking path) and developing an environmental walkway with interpretive signs, terminating at a bird sanctuary at the Danbury-Brookfield border. All of this work was subsidized by City budget appropriations, corporate donations, and state and federal grants (including two completed Recreational Trails grants). In 2002, the City received the State of Connecticut Greenway award for this project.

The City is now in the end stage of completing the Greenway, striving to complete a fully functional 1 mile corridor of the Greenway in 2009. The City has resurrected the "Still River Alliance" as a steering organization to sponsor annual events to introduce the public and the school systems to learn about the River and its floodplain.

As the City completes the construction phase of the Still River Greenway, we are now focusing on the long term maintenance and use of the Greenway. One of the centerpiece user groups of the Greenway is the school systems. Outdoor class observations in the floodplain and the stream are already occurring on an ad-hoc basis. However, the City needs to assure maintenance of the Greenway and equip schools with environmental observation tools and instruments to establish a formal curriculum to bring school groups to conduct water quality surveys, invertebrate monitoring and flood plain studies at all points of the Greenway.

The City seeks \$33,000 from the Connecticut DEP to subsidize the essential equipment for providing the citizens of western Connecticut an opportunity to learn about the River and its floodplain. The City will provide a \$10,000 match as its commitment to this project. The primary focus of this project is to connect students of local schools to an experiential learning activities on this Riverine ecosystem. Hence, funds are requested for developing environmental education activity guides, creating an environmental observations database, and equipment for water quality monitoring, floodplain observation and data recording equipment. Funding is also requested to develop a sustainable program for fostering the Greenway to the general public through two pilot "River Celebration Days" in 2011 and 2012.

Finally, it should be noted that the City is cooperating with regional efforts to extend the Danbury Greenway into a continuous 20 mile corridor from the trailhead of the Danbury corridor to the mouth of the Still River at Lover's Leap on the Housatonic River (see letter of support from the Mayor of Danbury).

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<sup>1</sup> Documented by fish surveys conducted at the confluence of Limekiln Brook and the Still River in 1992 and 1993 by the DEP Fishery Division, which cited an unexpected diversity of small fish where previous surveys (prior to the STP upgrade) identified a monoculture of suckers.

### Part III: Project Information (continued)

2. Check the Yes or No box as applicable and provide details as specified.

Yes No

- ☒ ☐ This is a project that is noted in DEP's Recreational Trails Plan ([www.ct.gov/dep/recreation](http://www.ct.gov/dep/recreation))
- ☐ ☒ This project connects to and extends trail(s) on state owned land.
- ☒ ☐ This project is included in a local and/or regional plan. Provide copies of relevant excerpts as Attachment B.
- ☒ ☐ This project is located in more than one town or provides a link to one or more towns.
- ☒ ☐ This is the Next Phase of a project previously **completed** (no outstanding grant balance) and funded by DEP's RTP.
- ☐ ☒ This project is part of an alternative transportation plan (bike ped, etc).
- ☒ ☐ This project is part of a CT Greenways Council designated greenway. If Yes, provide the name of the Greenway:

#### Still River Greenway

- ☒ ☐ This project is the first of a kind or in the area.
- ☒ ☐ This project is receiving funding from other State or Federal agencies. If Yes, provide source of funding: **Connecticut River Restoration grant**
- ☐ ☒ This project incorporates a Safe Routes to School program.
- ☒ ☐ This project serves an urbanized area.

3. Project Maps. Include a project location map presented on a USGS Quadrangle (<http://edcsns17.cr.usgs.gov/EarthExplorer>) and a more detailed site plan showing the proposed trail bed improvements, trail heads, locations and technical drawings of trail amenities (parking areas, benches, plantings, fencing, bathrooms, etc.) and signs and/or kiosks and bridges and/or boardwalks as Attachment C. Digital photos and maps (digital photos taken of hard copy maps are acceptable) are preferred.

4. Site Suitability: Check the Yes or No box as applicable and provide details as specified:

Yes No

- ☐ ☒ Inland Wetlands permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- ☐ ☒ Conservation Commission permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- ☐ ☒ Recreation Commission permits are needed for this project. If Yes, provide copies if they have been obtained as Attachment D.
- ☐ ☒ Other permits (Corps of Engineers, etc.) are needed for this project. If Yes, list them in the space provided and provide copies if they have been obtained as Attachment D.

**Although the project site exists in a floodplain zone, there will be no construction in the floodplain and no permits are needed.**

### Part III: Project Information (continued)

#### 4. Site Suitability: (continued)

YesNo

- ☒ ☐ The project is located in a Federal Emergency Management Agency (FEMA) floodzone. You can find FEMA information at your town hall in the building department or on the Internet at FEMA's map center ([www.msc.fema.gov](http://www.msc.fema.gov)): If your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to DEP's Inland Water Resources Division staff for assessment of the need for Flood Management Certification (FMC). As a part of your contractual obligations, your project work within the flood plain will not be able to begin until FMC is obtained. Other restrictions may be attached.
- ☐ ☒ The project is within an aquifer protection area.  
[To view the applicable list of towns and maps visit the DEP website at [www.ct.gov/dep/aquiferprotection](http://www.ct.gov/dep/aquiferprotection).  
To speak with someone about the Aquifer Protection Areas, call 860-424-3020]
- ☐ ☒ The project lies within an area identified by the CT DEP Natural Diversity Data Base as possibly containing endangered species. If Yes, and your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to NDDDB staff for assessment. Any restrictions will become part of your contractual obligations.  
[For more information visit the DEP website at [www.ct.gov/dep/endangeredspecies](http://www.ct.gov/dep/endangeredspecies) (Review/Data Requests) or call the NDDDB at 860-424-3011]
- ☐ ☒ The project may impact historical, geologic or archaeological sites. If Yes, projects will not be considered by the Federal Highways Administration for funding without a letter from State Historic Preservation Office (SHPO) finding no impact on cultural/archaeological resources. If your proposal is recommended for funding by the Recreational Trails Advisory Committee, it will be forwarded to the SHPO for assessment. If further investigation by the SHPO is recommended, your project funding will be delayed until such investigations are completed. Non-profit organizations and municipalities are eligible for up to \$20,000.00 on a non-matching basis to undertake general area (property/properties, municipality, watershed) archaeological reconnaissance surveys. Contact SHPO for details at 860-256-2761.
- ☐ ☒ Is the project within the coastal area?  
[www.ct.gov/dep/gis](http://www.ct.gov/dep/gis) (GIS Data)

### Part III: Project Information (continued)

#### 4. Site Suitability: (continued)

YesNo

☒☐

Are there reserved rights/restrictions or environmental intrusions (power lines, dumps, factories, roads, etc.) on or in close proximity to the trail? If Yes, please give details:

**The project area is a riverine / floodplain Greenway that exists within a commercial / industrial park. However, all rights of access have been obtained for the Greenway site of the project, with recorded easements See Attachment A.**

☐☒

The trail passes through a residential neighborhood. If Yes, residents must be informed about the project scope. Provide letters or other informational material that was provided or minutes from public meeting(s) as Attachment E.

☐☒

The property through which the trail will pass is suspected of containing hazardous and/or contaminated materials. What has been done to screen for these materials?

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

### Part III: Project Information (continued)

5. Site Accessibility and User Group Information:

- a) Please identify the major service area(s) (neighborhood(s), city(ies), which would be affected by this trail. Indicate the approximate mileage the primary service areas would need to travel to access this site.

**Access for all citizens of Connecticut, with a large focus on encouraging school environmental education and observation activities in the City of Danbury and the Housatonic Valley region.**

- b) Within the identified primary service area is there any elderly housing projects, housing authority (public housing), ethnic community or low or very low-income areas or neighborhoods?

☒ Yes      ☐ No

Please describe the methods or means by which these user groups will access the site.

**Public transportation (Housatonic Area Regional Transport)**

- c) What is the estimated population of the project area?

**225,000**

- d) Will this trail be multi-use or single-use?

**Multi use: hiking, boating, education.**

- e) Which user group or groups would be utilizing this trail? Provide some indication of use intensity expected (i.e. user/week) and method of transportation (pedestrian/hiker, mountain biker, trail bike).

**Casual walkers, hikers, school groups, canoe/kayak users. Approximate use is estimated at 25/week in May-October. Winter estimate: 5/wk**

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.



### Part III: Project Information (continued)

- f) If this project is multi-use, is there the possibility of conflicting use? ☐ Yes ☒ No  
If Yes, how will these conflicts be resolved?

- g) To what degree will this project provide assistance to people who have disabilities? Your project must use the best information available to ensure broad usability. List any ADA trailside amenities or trailhead facilities that are available (such as platforms, parking areas, shelters, compost toilets, etc.) to improve accessibility for people with disabilities. Please note: Often times, taking accessibility measures is not feasible on trails due to trail terrain, environmental conditions, nature of the setting, prevailing construction methods or required materials that would be prohibited by federal, state, or local laws or where compliance would cause substantial harm to or alter cultural, historic, religious, or significant natural features of the setting. See the Forest Service website ([www.fs.fed.us/recreation](http://www.fs.fed.us/recreation)) for the best available guidance for trail projects.

The trailhead area of the Still River Greenway features a handicap accessible walking path that leads to a "Still River History Wall" and a pedestrian bridge that is handicap accessible on the north side of the River.

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

### Part III: Project Information (continued)

6. Public Participation: Public participation can be defined as: special public meetings, proposal reviewed by special interest groups or advisory councils and boards, public fund raising, construction or maintenance, etc.

- a) Please describe how public participation at the local level was included in planning this project. Evidence of this public participation should be provided, such as public notices, news releases, public surveys, minutes and news articles as Attachment F.

**The "Still River Alliance" (SRA) - a partnership of public agencies, citizens, environmental organizations and corporate sponsors - was established to solicit public input and provide outreach for the Still River Greenway. See the website at [www.ci.danbury/stillriver](http://www.ci.danbury/stillriver). One of the primary objectives of the SRA is aimed at promoting the use of the Still River Greenway for passive recreation and environmental education.**

**The Still River Alliance (SRA) was organized, in 1996, as a grassroots steering group to guide the planning design and permitting of the Greenway. It is now being re-organized to a new mission as "stewards of the Greenway", now that the construction is completed. To that extent, this proposed project will be a catalyst for re-energizing the Alliance. The role of the SRA will be to integrate participating groups in the annual River celebration days and to expand the participation of schools and citizen users in the use of the Greenway as a vehicle for educating citizens about the riverine and floodplain ecosystem.**

- b) If appropriate, provide letters of support for your project as Attachment G.

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

### Part III: Project Information (continued)

7. Scope of work: You will be granted 3 years to complete your project. Provide your "Project Tasks and Anticipated Completion Timeline," as Attachment H in a table format as shown below.

<b>Project Tasks and Anticipated Completion Timeline</b>		
<b>Tasks</b>	<b>Person(s) Performing Work</b>	<b>Anticipated Completion Date</b>
Task 1	Staff and volunteers	March 2010
Task 2	Consultant (name here)	October 2010

8. Funding Mechanism: This is a reimbursement program; funds are to be expended within the approved project period before reimbursement is available for up to 80% of your total project costs.
- a) Provide documentation such as a copy of a Capitol Budget, Written Pledges or Special Fund Account showing the source and availability of funds as Attachment I.
  - b) A 20% match is required. Will the project include a donation of land, cash, equipment or labor from private organizations, agencies, companies or individuals? ☐ Yes ☒ No

Please list and explain the pledge or services which will be donated.

**The letter from the City of Danbury Finance Director (Attachment I) documents the local match that is available for this grant, which includes private donations and City appropriations for the Still River Greenway from past years.**

9. Maintenance Plan: Grantees are required to maintain projects that utilize Recreational Trails Grant funds and to provide assurance of such operation and maintenance for a period not to exceed the life expectancy of the trail, ten years, or until total destruction or degradation by an act of nature, whichever comes first. All projects **must** provide a description of how the trail will be maintained including who will be responsible, who will perform the maintenance and how will it be performed, anticipated maintenance schedule, anticipated maintenance budget and funding mechanism(s). Provide maintenance plan as Attachment J.

### Part III: Project Information (continued)

10. Project Cost Estimates: Provide an itemized project cost breakdown as Attachment K. Describe the means by which said cost was derived. List any engineers, appraisers, contractors or manufacturers that were consulted. Use the following table format shown below

Name of Grantee	
Project Cost Estimates	
Item (should correspond to your scope of work and may have more detail)	Cost
Task 1 Item a	\$1,500.00
Task 1 Item b	\$300.00
Task 2 Item a	\$1,000.00
Task 3 Item a	\$500.00
Task 3 Item b	\$1,000.00
Task 3 Item c	\$700.00
<b>TOTAL Project Costs</b>	<b>\$5,000.00</b>
Match ( $\geq 20\%$ of total project costs.)	\$1,700.00
Grant Amount ( $\leq 80\%$ of total project costs)	<b>\$3,300.00</b>

**Match Requirements:** Matching contribution may be in the form of in-kind labor and/or equipment, equipment lease/rental or material purchase or donation above and beyond the grant amount. In-kind labor shall be defined as the pay rate for that particular job function as defined by the State of Connecticut, Department of Labor, Prevailing Wage Rate for the area. No fringe or indirect cost shall be added to In-kind labor. Equipment shall be credited at the rate allowable by the current Federal Emergency Management Agency (FEMA), Schedule of Equipment Rates ([www.fema.gov/government](http://www.fema.gov/government)) or a rate mutually agreed upon should said equipment not be listed, or the full amount if equipment is leased or rented.

11. If you are proposing a **Land Acquisition Project** provide the following information as Attachment L.

- Appraisal - You must submit an appraisal of the land to be acquired, and a review of the appraisal by an independent review appraiser. The review appraiser must certify that the appraisal meets the standards of the Uniform Appraisal Standards for Federal Land Acquisitions, found at [www.usdoj.gov](http://www.usdoj.gov).
- Regulations - Projects involving land acquisition must also conform to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601 et seq., as amended, found at [www.fhwa.dot.gov](http://www.fhwa.dot.gov). These regulations apply to evaluating the acquisition of real property and any potential displacement activities. Provide proof of compliance with these regulations.

12. If you are proposing an **Educational Project**, complete and submit the "Educational Project Supplemental Application" (DEP-TRAILS-APP-001A) as Attachment M.

## Part IV: Supporting Documents

Please check the attachments submitted as verification that *all* applicable attachments have been submitted with this application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g. Attachment A, etc.) and be sure to include the applicant's name.

- |                                     |               |   |
|-------------------------------------|---------------|---|
| <input checked="" type="checkbox"/> | Attachment A: | If the applicant is not the property owner, permission for public recreational access must be documented. Include such documentation as Attachment A.   |
| <input checked="" type="checkbox"/> | Attachment B: | If this project is included in a local and/or regional plan provide copies of relevant excerpts as Attachment B.  |
| <input checked="" type="checkbox"/> | Attachment C: | Provide project location map and detailed site plan as described in Part III, item 3 of this application.   |
| <input type="checkbox"/>            | Attachment D: | If other permits such as Inland Wetlands, Conservation Commission, Recreation Commission, Corps of Engineers, etc. are needed for this project, provide copies of these permits if they have been obtained as Attachment D. |
| <input type="checkbox"/>            | Attachment E: | If the subject trail passes through a residential neighborhood, provide letters or other informational material that was provided or minutes from public meeting(s) as Attachment E.  |
| <input checked="" type="checkbox"/> | Attachment F: | Provide, as Attachment F, evidence of public participation at the local level as described in Part III, item 6 of this application.   |
| <input checked="" type="checkbox"/> | Attachment G: | If applicable, provide letters of support for your project as Attachment G.   |
| <input checked="" type="checkbox"/> | Attachment H: | Provide project tasks as described in Part III, item 7 of this application.   |
| <input checked="" type="checkbox"/> | Attachment I: | Provide funding documentation as described in Part III, item 8 of this application.   |
| <input checked="" type="checkbox"/> | Attachment J: | Provide Maintenance Plan as described in Part III, item 9 of this application.  |
| <input checked="" type="checkbox"/> | Attachment K: | Provide Project Cost Estimate as described in Part III, item 10 of this application.  |
| <input checked="" type="checkbox"/> | Attachment L: | If the subject proposal is for a Land Acquisition Project, provide information described in Part III, item 11 of this application.  |
| <input checked="" type="checkbox"/> | Attachment M: | If the subject proposal is for an Educational Project, complete and submit "Educational Project Supplemental Application" (DEP-TRAILS-APP-001A).  |


## Part V: Applicant Certification

The applicant *and* the individual(s) responsible for actually preparing the applicant must sign this part. An application will be considered incomplete unless all required signatures are provided. [If the applicant is the preparer, please mark N/A in the spaces provided for the preparer.]

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text."

  
Signature of Applicant

August 24, 2009

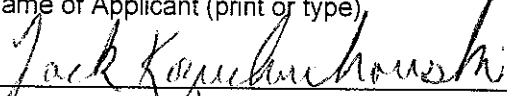
Date

Scott LeRoy

Director Of Health

Name of Applicant (print or type)

Title (if applicable)



August 24, 2009

Signature of Preparer (if different than above)

Date

Jack Kozuchowski

Greenway Consultant

Name of Preparer (print or type)

Title (if applicable)

**Submission and Deadline:** Proposals must be received by **September 1** of each year.

- a. Email, [laurie.giannotti@ct.gov](mailto:laurie.giannotti@ct.gov)

**OR**

- b. Mail reports **on a CD** or other electronic storage device as appropriate to:

Laurie Giannotti, Trails & Greenways Program Coordinator  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

**OR**

- c. If you must send paper proposals, send 4 copies (1 must contain color maps) to the above address.

**Attachment A:** Recorded Easements with Property Owners on the Still River  
Greenway sections where environmental education activities will occur

## TRAIL AND CONSERVATION EASEMENT AGREEMENT

**THIS AGREEMENT** is a right-of-way and conservation easement entered into between SEYMOUR R. POWERS, TRUSTEE & DANBURY INDUSTRIAL CORP., ("Owner"), and the City of Danbury, acting herein by Gene F. Eriquez, its Mayor, hereunto duly authorized ("Danbury") to provide a trail right of way over certain real property, and for the protection of, the property described below as a component of the Still River Trail System including a pedestrian bridge over the Still River.

### WITNESSETH:

**WHEREAS**, the Still River Trail System, including a pedestrian bridge (the "Trail") extending across approximately 2.2 miles, within Danbury, County of Fairfield and State of Connecticut has been recognized as contributing to significant scenic, historic, natural, and cultural qualities of that glaciated region; and

**WHEREAS**, Danbury is recognized as a municipal corporation; and,

**WHEREAS**, Danbury is sponsoring, will be the beneficiary of, and will be responsible for the maintenance of the Trail throughout Danbury; and,

**WHEREAS**, Danbury is qualified to be a holder of a conservation easement pursuant to Connecticut General Statutes Section 47-42a et. seq. and is qualified to accept "qualifying conservation interests" as described in Section 170(h)(3) of the Internal Revenue Code; and,

**WHEREAS**, Owner desires and intends to provide a right-of-way for the use of the public over and across the real property described below as the "Trail" and to permit the maintenance and improvement of the Trail by Danbury and to construct a pedestrian bridge over the Still River for the Trail crossing of the river and to restrict other uses of the Trail which would be inconsistent with its use as a recreational Trail; and,

**WHEREAS**, qualifying conservation interests, including rights-of-way and other conservation interests, as provided for herein, further conservation policies and yield a significant public benefit;

**WHEREAS**, Owner leases area included in the Trail to Kimchuk/Cognitronics/Pitney Bowes

**NOW THEREFORE**, Owner, and their successors and assigns, by this agreement and for \$10.00 and other valuable consideration paid to Owner by Danbury, grants and conveys to Danbury, and its successors and assigns, in perpetuity, a conservation and Trail easement as set forth and described herein over, through and across the following described easement areas:



"Easement 'C' 1.455 acres", "Easement 'E' 0.303 acres", "Easement 'C-1' and Easement 'C-2'" all as depicted on map entitled "SHEET 1 OF 4 EASEMENT MAP SHOWING EASEMENT TO BE ACQUIRED IN CONJUNCTION WITH STILL RIVER CORRIDOR PROJECT DANBURY, CONNECTICUT SCALE: 1" = 100' JAN. 22, 1997, REV. 1-8-98, REV. 2-10-99, REV. 5-10-99, REV. 8-31-99" prepared by Paul M. Fagan, L.S. 7756, Surveying Associates, P.C. 432 Main St. Danbury, Connecticut 06810 (hereinafter "The Map") to be recorded on the Land Records of Danbury. Access to said easement area is provided by means of easements for the public to pass and repass over a driveway and paved parking area as set forth on Easements "A" and "B" are shown on The Map.

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#### 1. RIGHTS OF DANBURY

Danbury shall have the following rights within the Trail (as depicted on The Map) as the holder of this conservation easement:

- A. A right-of-way to permit walking, hiking, cross-country skiing and fishing subject to the regulations of the State of Connecticut Department of Environmental Protection, but not otherwise, over and across the Trail.
- B. The right to lay out, mark, develop and maintain or relocate a Trail; to make minor topographical changes to the property for the necessity and convenience of locating the Trail; to post signs marking the Trail; and to manage vegetation, through selective planting or removal of trees or nuisance plant species, in order to maintain and enhance the scenic, natural and ecological value in the Trail.
- C. The right to prohibit public access to all but hikers, walkers, skiers and fishermen, through the installation of gates or other obstructions, and to limit access by or exclude the public by appropriate means from any portion of the Trail not in use from time to time as the Trail footpath. Motor vehicles shall be prohibited (except vehicles in use by the Owner or lessee of the property for purposes permitted by the agreement).
- D. The right to inspect the Trail and to enforce the covenants of the Owner and the rights of Danbury by any action in law or in equity.
- E. The right to reasonable access for Danbury, its agents and contractors to conduct, build, create and maintain a Shoreline Stabilization and Restoration project along the banks of the Still River in the area designated as Easement "C-1" on The Map to promote and enhance fish habitat and other wildlife, within the Still River.

- F. The right of the City of Danbury, its agents and contractors to access and use Easement "C-2" for a Bridge Construction or repair staging area provided written notice and appropriate insurance certificates are provided prior to use.
- G. The right to locate, construct, maintain, repair, replace and use and permit and use for the public a handicapped portion of the Trail consisting of bituminous handicap-accessible Trail walkway including a bituminous paved ramp and walk with wood railing, and with bench(es).
- H. The right to locate, construct, maintain, repair, replace and use a footbridge and footings and related appurtenances for traversing the Still River for the purpose of connecting portions of the Trail and the right to permit public pedestrian traffic to pass and repass over said Bridge all as shown on The Map, together with the right to use the Easement "C-2", easement area for the construction, maintenance, repair and replacement of the Bridge.

## 2. COVENANTS OF OWNER

AND IN FURTHERANCE of the foregoing affirmative rights, Owner makes the following covenants, on behalf of themselves, their successors and assigns, which shall run with and bind the Trail property in perpetuity:

- A. Danbury, or its assigns, is authorized and permitted to undertake development of the Trail footpath including handicap-accessible area and pedestrian bridge, and may permit the use thereof by the general public;
- B. The Trail shall be used for a recreational trail, and for the purposes set forth in Sub-Sections A, B, C, D, F, G and H of Paragraph 1 above and for other conservation purposes.
- C. There will no dumping of trash, garbage or other unsightly or hazardous material upon or within the Trail by Owner;
- D. In addition to Construction Easement "C-2" as set forth on The Map, Owner hereby grants to Danbury a temporary easement for construction, repair and replacement of up to ten (10) feet in width on either side of the Trail for purposes of completing the Trail and the pedestrian bridge.

## 3. RESERVED RIGHTS OF OWNER

Except as expressly set forth herein, Owner reserves for themselves and their successors and assigns all rights as an owner, including the right to use the property for all purposes not inconsistent with this grant and including the following rights, which are hereby expressly

reserved to and for Owner and their successors and assigns:

- A. Owner reserves the right to cross and recross the Trail for purposes of access to adjoining property of Owner and to do such other work as is necessary and appropriate, for the maintenance of Owner's property adjacent to the Trail but which is not inconsistent with the purposes of the Trail.
- B. Nothing herein shall be construed as limiting the right of Owner to sell, give or otherwise convey the land on which the easement areas are located or any portion or portions of such land provided such conveyance is subject to the terms of this easement.

#### 4. GENERAL PROVISIONS

The following general provisions shall apply to this conservation easement:

- A. This conservation easement shall run with and be an appurtenant to the Trail in perpetuity and shall bind Owner, and its successors and assigns, and all persons claiming rights in the Trail property by or through Owner. Access to the Trail head from streets shall be by virtue of easements granted over other property set forth on The map.
- B. Owner and its successors and assigns agree to pay all real property taxes and assessments levied by competent authority on the Trail.
- C. Any notices required in this Conservation Easement shall be sent by certified mail to the following address or such address as may be hereafter specified in writing:

OWNER: Melvin Powers  
c/o Powers Construction  
6 Finance Drive  
Danbury, CT 06810

DANBURY: Jack Kozuchowski  
c/o Health and Housing Dept.  
Danbury City Hall  
155 Deer Hill Avenue  
Danbury, CT 06810

- D. Owner intends that this grant be a perpetual easement enforceable by Danbury against Owner and their successors and assigns forever. If any provision of this agreement is found to be invalid, the remainder of its provisions shall not be affected thereby.
- E. Danbury shall defend, indemnify, and hold harmless, Owner against all claims, expenses (including, but not limited to, reasonable attorney fees and other court costs), causes of

action, or liability arising from the construction, operation, maintenance, or use by the public or employee, agent or contractor of Danbury of the Trail and Wetland's Restoration Project, Shoreline Stabilization Project and related construction and maintenance easements, except for claims or liability arising out of the deliberate acts or negligence of Owner or any third party lessee or invitee of Owner.

- F. Danbury shall be responsible for obtaining any and all permits with respect to the Trail, wetlands restoration and pedestrian bridge.

TO HAVE AND HOLD the above-described right-of-way and conservation easement together with all singular appurtenances and privileges belonging or in any way pertaining therein, either in law or in equity, either in possession or expectancy, for the proper use, benefit and behalf of Danbury, its successors and assigns forever.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals this 14 day of Dec, 1999.

Signed, Sealed and Delivered in the presence of:

OWNER

Oliver Powers Seymour R. Powers (SEAL)  
Seymour R. Powers, Trustee

Susan Coker

OWNER

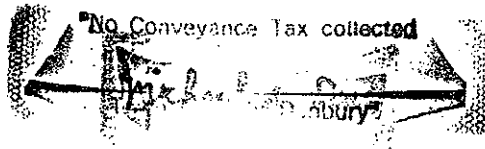
DANBURY INDUSTRIAL CORPORATION

Stephen F. Grotz  
James C. Davidson

By: Charles E. Wynn (SEAL)  
Charles E. Wynn, President

DANBURY

Frank E. Wynn (SEAL)



rec'd  
9/15/00  
1:06pm

## TRAIL AND CONSERVATION EASEMENT AGREEMENT

**THIS AGREEMENT** is a right-of-way and conservation easement entered into by and among BUFFALO-WILSON CREEK ASSOCIATES, LLC and RONALD KENDALL collectively, "Owner", and the City of Danbury, acting herein by Gene F. Eriquez, its Mayor, hereunto duly authorized ("Danbury") to provide a trail right of way over, including associated canoe launch area, and for the protection of, the property described below as a component of the Still River Trail System.

### WITNESSETH:

**WHEREAS**, the Still River Trail System (the "Trail") extending across approximately 2.2 miles, within Danbury, Country of Fairfield and State of Connecticut has been recognized as contributing to significant scenic, historic, natural, and cultural qualities of that glaciated region; and

**WHEREAS**, Danbury is recognized as a municipal corporation; and,

**WHEREAS**, Danbury is sponsoring, will be the beneficiary of, and will be responsible for the maintenance of the Trail throughout Danbury and canoe launch area associated with Trail; and

**WHEREAS**, Danbury is qualified to be a holder of a conservation easement pursuant to Connecticut General Statutes Section 47-42a et. seq. and is qualified to accept "qualifying conservation interests" as described in Section 170(h)(3) of the Internal Revenue Code; and,

**WHEREAS**, Owner desires and intends to provide a right-of-way for the use of the public over and across the property described below as the "Trail" and to permit the maintenance and improvement of the Trail, including canoe launch area, by Danbury and to restrict other uses of the Trail which would be inconsistent with its use as a recreational Trail; and

**WHEREAS**, qualifying conservation interests, including rights-of-way and other conservation interests, as provided for herein, further conservation policies and yield a significant public benefit;

**NOW THEREFORE**, Owner, and its successors and assigns, by this agreement grants to Danbury, and its successors and assigns, in perpetuity, a conservation easement as described below.

The Trail protected by this conservation easement consists of the property designated as Easement "D" 0.165 acres depicted on map entitled "SHEET 1 OF 4 EASEMENT MAP SHOWING EASEMENTS TO BE ACQUIRED IN CONJUNCTION WITH STILL RIVER CORRIDOR PROJECT DANBURY, CONNECTICUT SCALE: 1" = 100' JAN. 22, 1997, REV. 1-8-98, REV. 2-10-99, REV. 5-10-99, REV. 8-31-99" prepared by Paul M. Fagan, L.S. 7756,

Surveying Associates, P.C. 432 Main St. Danbury, Connecticut 06810 (hereinafter "The Map") to be recorded on the Land Records of Danbury and incorporated by reference herein. Access to said Trail is provided by means of easements for the public to pass and repass over a paved parking as set forth on Easements "A" and "B" on the Map, subject to the hereinbelow terms and conditions. Additional portions of the Trail, canoe launch and three designated parking spaces for the canoe launch are provided as shown and depicted on Site Plan Map entitled "MAP SHOWING PROPOSED RIVER ACCESS & WALKWAY EASEMENTS OVER PARCEL 33 - COMMERCE PARK Danbury, Connecticut Prepared for Benderson Development Company, Inc. Scale: 1" = 40' Date: May 25, 2001" prepared by Robert M. Bennison, L.S. #12964, New England Land Surveying, P.C., Robin Commons - 118 Coal Pit Hill Rd. - Danbury, CT, said Site Plan showing 15' Walkway Easement #1 8,907 S.F. 0.204 Ac.; Area designated as "Proposed Boat Launch"; 10' Walkway Easement #2 270 S.F. 0.006 Ac.; 20' Walkway Easement #3 4,226 S.F. 0.097Ac.; 10' Walkway Easement #4 380 S.F. 0.009 Ac., including permanent right to pass and repass over undesignated driveways and paved parking areas to access said River Access Walkway Easements referred to herein. Said Site Plan recorded as Map No. \_\_\_\_\_ filed on the Danbury Land Records. The Site Plan showing the above easements, the canoe launch (shown and referred to on Site Plan as "Boat Launch") and the three designated parking spaces are incorporated herein (hereinafter "Site Plan").

The above recitals are hereby incorporated into and made part of this Agreement.

## 1. RIGHTS OF DANBURY

Danbury shall have the following rights within the Trail (as depicted on The Map and Site Plan) as holder of this conservation easement:

- A. A right-of-way to permit walking, hiking, cross-country skiing, canoe launch and fishing subject to the regulations of the State of Connecticut Department of Environmental Protection, but not otherwise, over and across a trail footpath and area located within the Trail.
- B. The right to lay out, mark, develop and maintain or relocate a trail and canoe launch; to make minor topographical changes to the property for the necessity and convenience of locating the trail and canoe launch; to post signs marking the trail; and to manage vegetation, through selective planting or removal of trees or nuisance plant species, in order to maintain and enhance the scenic, natural and ecological value in the Trail. Further, to engage in shoreline stabilization and restoration working, including work along the banks of the Still River to promote and enhance fish habitat and other wildlife.
- C. The right to prohibit public access to all but hikers, walkers, canoeists, skiers and fishermen, through the installation of gates or other obstructions, and to limit

access by or exclude the public by appropriate means from any portion of the Trail and canoe launch not in use from time to time. Motor vehicles shall be prohibited on the Trail (except vehicles in use by the Owner or lessee of the property for purposes permitted by the Agreement).

- D. The right to inspect the Trail and canoe launch and to enforce the covenants of the Owner and the rights of Danbury by any action in law or in equity.
- E. The canoe launch shall consist of a permanently installed dock and pathway, same being installed and maintained by the City of Danbury or its agents at no cost to Owner. The pathway shall lead to the proposed parking lot as shown on approved Site Plan. Owner hereby grants to City of Danbury for public access to the Trail and canoe launch the right to pass and repass over the paved parking area defined in the Site Plan, and grants to the City of Danbury for the public, the right to utilize three (3) specifically designated motor vehicles parking spaces on the Owner's property from dawn until dusk, in association with the canoe launch and Trail. The location of said parking to be as shown on the Site Plan and is subject to the Owner's reasonable regulation.

It is hereby agreed that Owner shall place signs identifying the three (3) dedicated parking spaces and shall be entitled to exercise all legal means with respect to enforcing the parking restrictions applicable to the dedicated parking spaces. The City of Danbury shall be allowed to place and maintain appropriate signage mutually agreed by the parties hereto, with respect to the use, and limitations of the Trail, three (3) parking spaces and canoe launch area.

Any vehicles parked inappropriately or after hours posted for usage of the canoe launch and Trail are the responsibility of the Owner of the vehicle.

## 2. COVENANTS OF OWNER

AND IN FURTHERANCE of the foregoing affirmative rights, Owner makes the following covenants, on behalf of themselves, their successors and assigns, which shall run with and bind the Trail property in perpetuity:

- A. The Trail shall be used for a recreational trail and canoe launch, and for the purposes set forth in Section 1.A. - E. hereinabove and other conservation purposes only. No buildings or structures shall be erected within the Trail, except as otherwise provided for herein;
- B. There will be no construction or placing of buildings, mobile homes, advertising signs, billboards or other advertising materials or other structures upon the Trail

except as agreed by the parties hereto;

- C. There will no dumping of trash, garbage or other unsightly or hazardous material upon or within the Trail; and
- D. Owner hereby grants a temporary construction easement to Danbury of up to ten (10) feet in width on either side of the Trail and canoe launch for purposes of completing Trail and canoe launch construction.

### **3. RESERVED RIGHTS OF OWNER**

In addition, and except as expressly set forth herein, Owner reserves for itself and its successors and assigns all rights as Owner of the Trail and canoe launch, including the right to use the property for all purposes not inconsistent with this grant and including the following rights, which are hereby expressly reserved to and for Owner and their successors and assigns:

- A. Owner reserves the right to cross and recross the Trail and canoe launch for purposes of access to adjoining property of Owner and to such other work as is necessary and appropriate, for the maintenance of Owner's property adjacent to the Trail and canoe launch but which is not inconsistent with the purposes of the Trail and canoe launch.
- B. Nothing herein shall be construed as limiting the right of Owner to sell, give or otherwise convey the Trail and canoe launch or any portion or portions of it provided such conveyance is subject to the terms of this Agreement.

### **4. GENERAL PROVISIONS**

The following general provisions shall apply to this right-of-way and conservation easement:

- A. Owner hereby grants to Danbury right to provide for public access to the Trail and canoe launch as identified on the Map and the Site Plan and the right of the public use of the Trail and canoe launch as set forth herein.
- B. This conservation easement shall run with and burden the Trail in perpetuity and shall bind Owner, and its successors and assigns, and all persons claiming rights in the Trail property by or through Owner. The canoe launch usage and the three (3) parking spaces as shown on the Site Plan may be subject to termination in the event of abandonment of the canoe launch by the City of Danbury. Any abandonment shall be in writing by the City of Danbury and recorded on the Land



Records, with sixty (60) days prior notice to Owner. Further, the canoe launch use may be terminated by Owner upon breach of this Agreement by City of Danbury as set forth in paragraph 4.E. herein.

- C. Owner and its successors and assigns agree to pay all real property taxes and assessments levied by competent authority on the on the portion of the Trail on the Owner's property.
- D. Any notices required in this Agreement and Trail Conservation Easement shall be sent by certified mail to the following address or such address as may be hereafter specified in writing:

OWNER: BUFFALO-WILSON CREEK ASSOCIATES, LLC  
c/o David H. Baldauf  
570 Delaware Avenue  
Buffalo, NY 14202

Ron Kendall  
10 Kensington Drive  
Canton, Massachusetts, 02021

DANBURY: City of Danbury Health Department/  
Director of the Health Dept.  
c/o Health and Housing Dept.  
Danbury City Hall  
155 Deer Hill Avenue  
Danbury, CT 06810

Copy to: Corporation Counsel  
Danbury City Hall  
155 Deer Hill Avenue  
Danbury, CT 06810

- E. As to the Trail, the Owner intends that this grant be a perpetual easement enforceable by Danbury against Owner and their successors and assigns forever. Notwithstanding the foregoing, the canoe launch and three (3) designated parking spaces, as distinguished from the Trail as set forth on the Map and as depicted on the Site Plan, may be formally abandoned by Danbury by written notice (as set forth in paragraph 4.B.) to the Owner with same recorded on the Danbury Land Records. In the event the City of Danbury breaches its obligation under this Agreement, with respect to the canoe launch, Owner may, after written notice of the breach to the City of Danbury and a one hundred eight (180) day opportunity to cure the default or breach, terminate the use of the canoe launch and three (3)

designated parking spaces, and upon recording of a document signed by the parties hereto, said portion of this Agreement as relates solely to the right of Danbury and the public to utilize the dock, canoe launch area and three (3) designated parking spaces shall terminate and be no further force or effect. No other provision of this Agreement regarding the Trail or access thereto shall be subject to termination. If any provision of this Agreement is found to be invalid, the remainder of its provisions shall not be affected thereby.

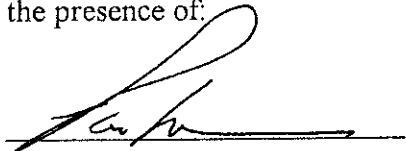
- F. Danbury shall defend, indemnify, and hold harmless, Owner, its affiliates, and respective officers, directors, employees, trustees and agents against all claims, liabilities, judgments, damages, penalties, litigation, demands, suits, actions, proceedings, costs, disbursements and expenses (including, without limitation reasonable attorney fees, court costs and expenses) of any kind or nature whatsoever, for any and all matters, including but not limited to, property damage and/or bodily injury, including death, environmental claims or otherwise, arising from construction, operation, maintenance by Danbury's, its officers, directors, employees, agents, contractors, subcontractors, customers, patron, clients, visitors, licensees, invitees and guests and use of the Trail and canoe launch. Notwithstanding the foregoing, Danbury's indemnification obligations under this Agreement shall not apply to claims or liability arising out of the deliberate acts or negligence of Owner, its affiliates, respective officers, directors, trustees, agents, invitees, guests and employees or any third party lessee, its affiliates, respective officers, directors, trustees, agents, invitees, guests and employees. In the event of abandonment by the City of Danbury of the canoe launch or termination of canoe launch rights by Owner, this indemnity shall terminate upon termination or abandonment, except as to claims occurring prior to termination or abandonment.
- G. Danbury shall furnish the Owner with an insurance certificate evidencing coverage for general liability with a minimum limit for bodily injury and property damage for One Million and no/100 Dollars (\$1,000,000.00) naming the Owner's and any lessee of the Owner's property (to be identified by the Owner) as additional insured as regards the use of the property as the Trail and canoe launch. A copy of the required insurance certificate will be provided to Grantor upon execution of this Agreement.
- H. Owner represents that the granting of this easement does not violate or breach any other covenant, agreement or lease.

Danbury shall, at its sole cost and expense, be responsible for obtaining any and all permits, site plan approvals or other municipal, state or federal approvals with respect to the Trail and canoe launch.

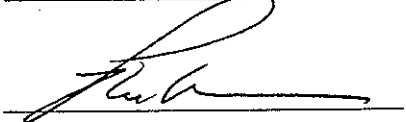
**TO HAVE AND HOLD** the above-described right-of-way and conservation easement together with all singular appurtenances and privileges belonging or in any way pertaining therein, either in law or in equity, either in possession or expectancy, for the proper use, benefit and behalf of Danbury, its successors and assigns forever.

**IN WITNESS WHEREOF**, the parties hereto have set their hands and seals this 29th day of June, 2001.

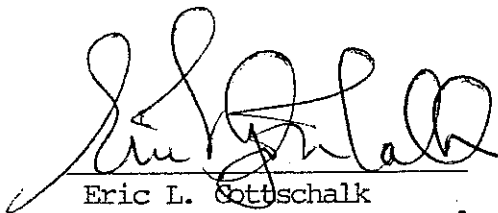
Signed, Sealed and Delivered in the presence of:



Bernadine Reed



Bernadine Reed

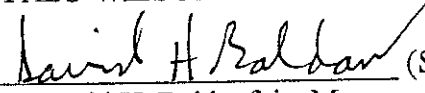


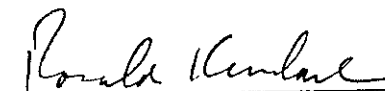
Eric L. Gottschalk

Robin A. Shepard

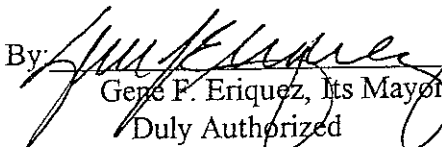
Robin A. Shepard

OWNER  
BUFFALO-WILSON CREEK ASSOCIATES, LLC

By:  (SEAL)  
David H. Baldauf, its Manager

  
Ronald Kendall

CITY OF DANBURY

By:  (SEAL)  
Gene F. Eriquez, Its Mayor  
Duly Authorized



STATE OF New York :

: SS.:

COUNTY OF Erie :

On this the 29<sup>th</sup> day of June, 2001, before me,

the undersigned officer, personally appeared DAVID H. BALDAUF, who acknowledged himself to be a Member of BUFFALO-WILSON CREEK ASSOCIATES, LLC, a limited partnership and that he, as such Member, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited partnership by himself as Member.

In witness whereof I hereunto set my hand.

BERNADINE REED  
NOTARY PUBLIC, STATE OF NEW YORK  
Reg. No. 01RE6058224  
QUALIFIED IN ERIE COUNTY  
My Commission Expires May 7, 2003

Bernadine Reed

Commissioner of the Superior Court  
Notary Public  
My Commission expires: \_\_\_\_\_

STATE OF New York :

: SS.:

COUNTY OF Erie :

On this the 29<sup>th</sup> day of June, 2001, before me,

the undersigned officer, personally appeared RONALD KENDALL, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof I hereunto set my hand.

BERNADINE REED  
NOTARY PUBLIC, STATE OF NEW YORK  
Reg. No. 01RE6058224  
QUALIFIED IN ERIE COUNTY  
My Commission Expires May 7, 2003

Bernadine Reed

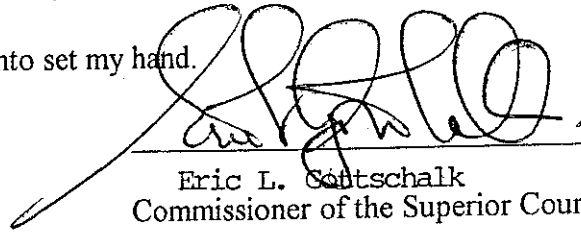
Commissioner of the Superior Court  
Notary Public  
My Commission expires: \_\_\_\_\_

1/1

STATE OF CONNECTICUT :  
: SS.: Danbury  
COUNTY OF FAIRFIELD :

On this the 30th day of July, 2001, before me, Eric L. Gottschalk, the undersigned officer, personally appeared Gene F. Eriquez, who acknowledged himself to be the Mayor of the City of Danbury, a municipal corporation, and that he, as such Mayor, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the City of Danbury by himself as Mayor.

In witness whereof I hereunto set my hand.



Eric L. Gottschalk  
Commissioner of the Superior Court  
Notary Public  
My Commission expires: \_\_\_\_\_



**Attachment B: Excerpt from City of Danbury Plan of Conservation and Development**

## **SECTION 8: PARKS & OPEN SPACE PLAN.**

At one time, land preserved for active and passive recreation was provided primarily by and for the wealthy. Others were unable to participate in recreational pursuits because of long work hours. However, the gradual reduction in work hours and a concomitant increase in leisure time led to growing public demands for greater recreational opportunities. Danbury has been no exception to this trend. Today, the City boasts over 1,200 acres of public parks and open spaces, supplemented by other lands owned by state and private organizations.

An aggressive program of public improvements is underway at existing parks and recreational facilities. Other efforts have included the purchase of additional lands for recreational and environmental purposes. Major efforts are needed for Tarrywile Park to reach its full potential and opportunities exist for the creation of a greenway linking thousands of acres of open space from Bethel to Ridgefield.

### **GOAL: A PARK AND OPEN SPACE SYSTEM THAT PROVIDES FOR THE ACTIVE AND PASSIVE RECREATIONAL NEEDS OF THE COMMUNITY.**

The City ought to expand its park and recreational programs to meet the growing and changing needs of the public. In addition to improvements to existing parks, this includes the creation of new parks on existing City land and the expansion of the system through land acquisition, including the expansion of Tarrywile Park and the creation of greenways.

### **POLICIES AND RECOMMENDATIONS.**

#### **A. Expansion and Improvements of Parks.**

Improve existing City parks and open space.

1. Prepare development plans for the "Dryska" property.
2. Prepare a capital budget for improvements to existing parks, as specified herein [PS III.8 Existing Facilities and Needs].

#### **B. Planning for Future Needs.**

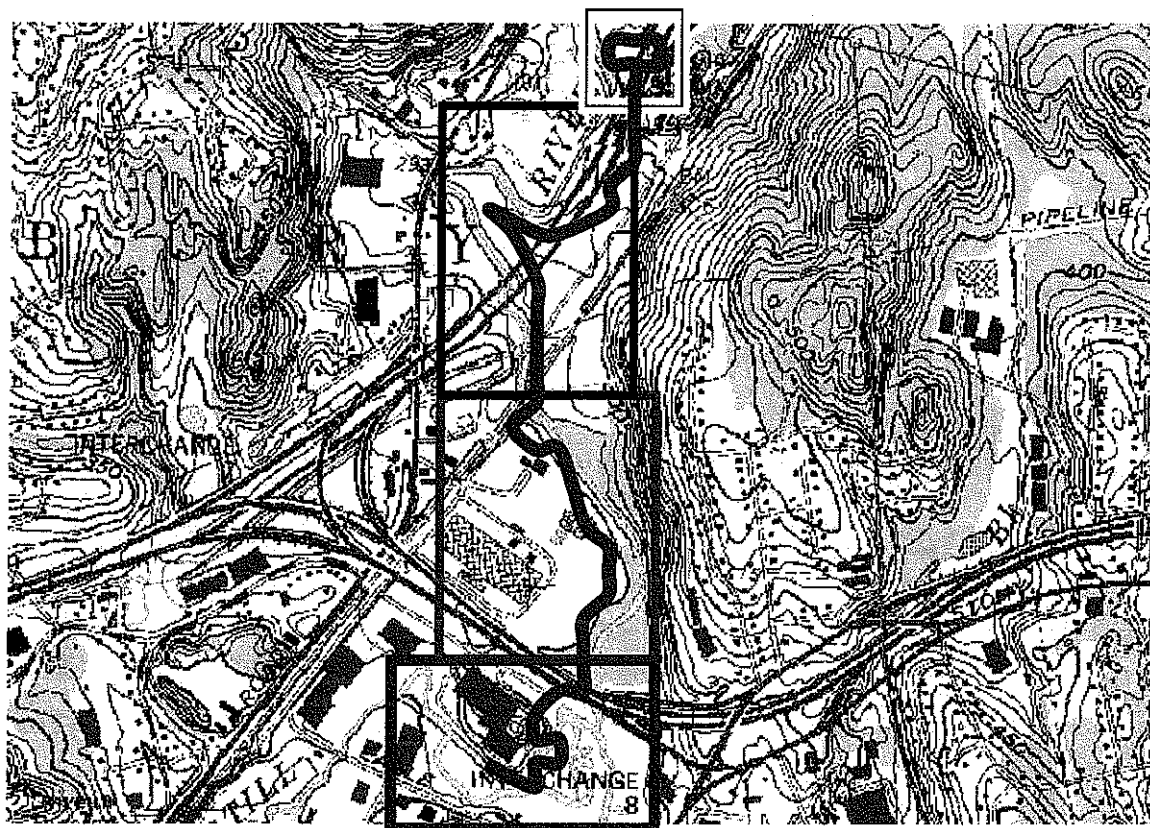
Satisfy future space needs for parks and open space.

1. Expand Bear Mountain by acquiring lands bordering Lake Candlewood.
2. Integrate the Mill Plain Swamp into the City's "Outdoor Environmental Education Laboratory."
3. Purchase the "West Side Natural Area" lands for passive recreational use.
4. Implement the Still River Greenway project.
5. Propose that the state expand Wooster Mountain State Park and construct a pedestrian bridge over Route 7 to facilitate the Ives Trail, as specified herein [PS III.8 Tarrywile Park].
6. Construct a neighborhood park within the Blind Brook neighborhood.
7. Acquire BHC Company lands in Danbury.

**Attachment C** : USGS Map of Still River Greenway and Satellite Map of Project Area



**Attachment C: USGS topographic map of Still River Greenway corridor in Danbury**



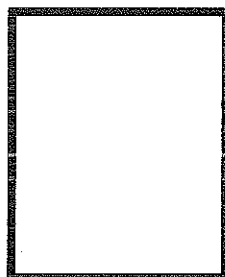
**Legend for location sectors of Danbury's Still River Greenway**



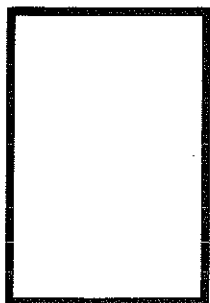
= approximate location of Still River Greenway trail corridor in Danbury



= trailhead area of  
Still River Greenway,  
Detail shown on  
Satellite map 1



= midsection  
area of Still  
River Greenway,  
Detail shown on  
Satellite map 2

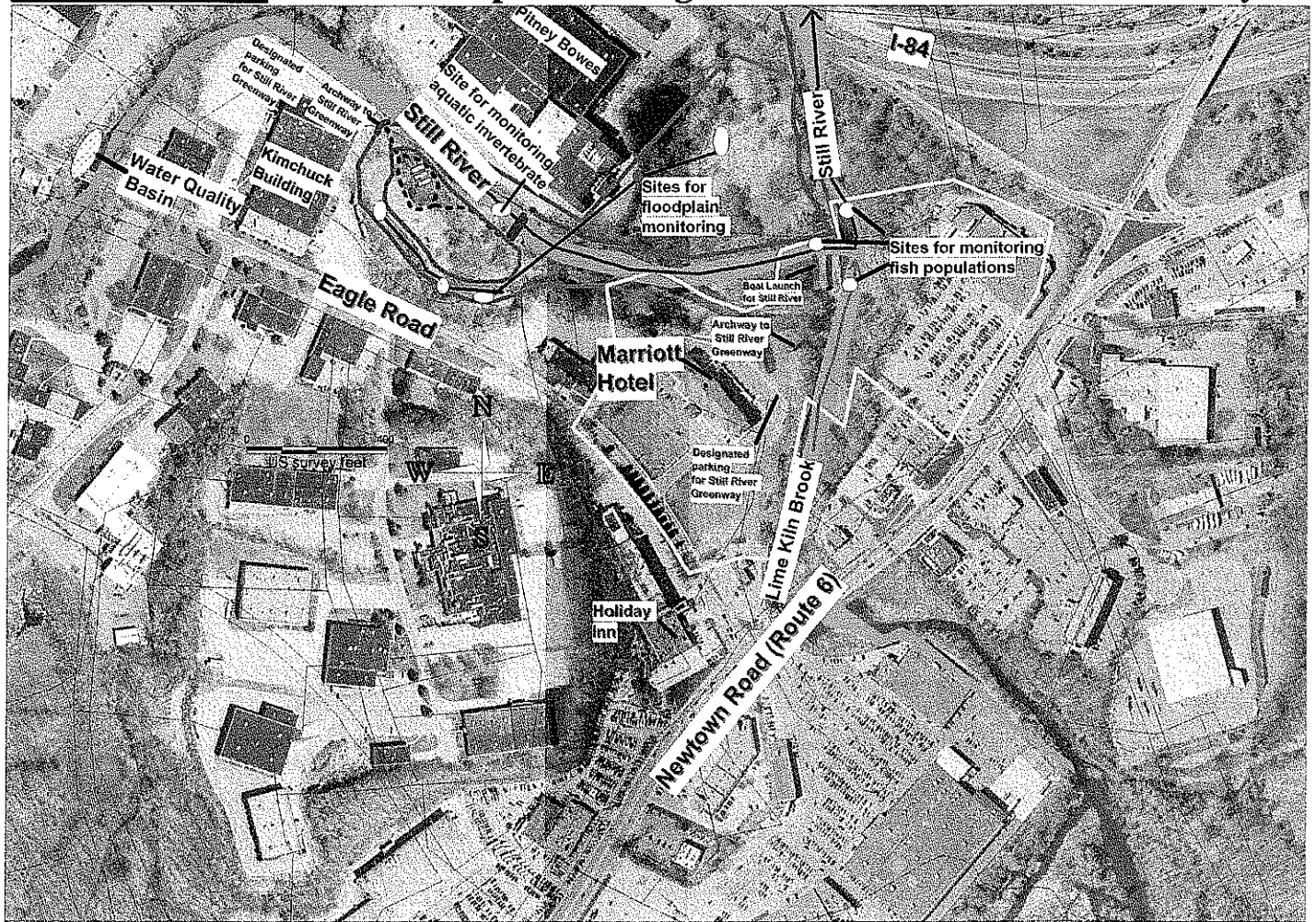


= Oxbow section of Still  
River Greenway on  
Connecticut DOT property.  
Detail shown on Satellite  
map 3



= Bird sanctuary section of Still  
River Greenway at Danbury-  
Brookfield border. Detail shown on  
Satellite map 4.

# Attachment C1: Satellite Map 1 showing trailhead of Still River Greenway



## Legend



= Still River Greenway trailhead loop trail north and south side of bridge (0.5 miles)



= handicap accessible walkway on south side of the river (0.2 miles)



= Still River History Wall on handicap accessible walkway



= Still River Pedestrian Bridge (handicap accessible from Pitney Bowes)



= Locations of environmental education monitoring for future student observations



= Marriott Hotel property, see easement, Attachment A



= Danbury Industrial Park property – see easement, Attachment A

## **Attachment F: Public Participation Record**

The "*Still River Alliance*" is the steering group for the grass roots effort to create the Still River Greenway. The public outreach efforts to publicize and solicit input for the development activities for the Greenway are documented on its website at [www.ci.danbury.ct/stillriver](http://www.ci.danbury.ct/stillriver)

**Attachment G: Letters of Support**



## CITY OF DANBURY

OFFICE OF THE MAYOR  
155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810

MARK D. BOUGHTON  
MAYOR

(203) 797-4511  
FAX (203) 796-1666  
m.boughton@ci.danbury.ct.us

August 21, 2009

Ms. Laurie Giannotti  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106

Dear Ms. Giannotti:

I am pleased to present to you the City of Danbury's application for a Recreational Trails Grant for the 2009 round of funding. Our proposal is to cap the City's decade long effort to create this creative Greenway corridor with a request for funds that will subsidize equipment for functional access to the Trails and promote their use in environmental education. I hope that DEP will continue to partner with the City and bring this project full circle to completion.

Our application the following themes:

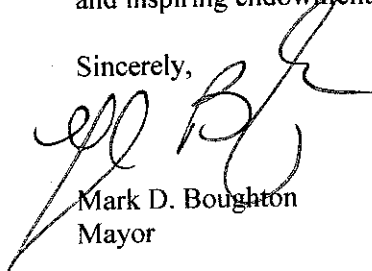
**"Exploring the River"**. The City of Danbury is committed to DEP's mission of "Leaving no child left Inside". Our proposal will pilot a partnership with the Danbury School System that will focus on environmental education on the Greenway. The City would use the funds from the DEP grant to work with the Danbury School System to create environmental education activity guides for students of all ages to learn about the river and its floodplain. This would also include the purchase of instruments and environmental observation database to link to future experimenters and observers on the Greenway. We would also feature a research-oriented invasive control project that would aim to demonstrate practical means of eliminating Japanese Knotweed and other invasive plants, encouraging a healthier assemblage of plants in this ecosystem. The application would also train educators of Danbury schools and then expand to a state-wide demonstration of using a Greenway corridor as an outdoor classroom. Two separate "environmental education days" on the Still River Greenway (in 2011 and 2012) are featured in this grant proposal. The letter of support from our Superintendent of Schools indicates their commitment to partner with the City in carrying out this project. My hope is that this pilot project will seed interest in other schools across the region as well as Western Connecticut State University.

**A Regional Greenway.** It is my intent to follow up on this effort by reaching out to the Town of Brookfield and New Milford to link the Still River Greenway with the Linear Park in Brookfield and the planned river walk in New Milford as a unified river trail for western Connecticut. The

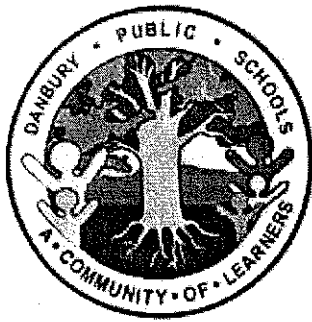
Town of Brookfield is submitting a separate application for recreational trails funding that would include a feasibility study for connecting the southern end of their Greenway to the northern end of the Still River Greenway. Danbury, if funded by this grant, will utilize a portion of this funding to plan, organize and execute two "Still River celebration days" to promote the use of this environmental greenway to the public.

I urge DEP to consider the merits of this proposal as a means of promoting the Still River Greenway to the public and a means of bringing the River and its floodplain as an outdoor learning center for all ages. As a former teacher of the Danbury School System and in my current role in fostering an open space program for the City of Danbury, I view this project as a creative and inspiring endowment to the citizens of Connecticut. It deserves support from DEP.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark D. Boughton", is written over the typed name and title.

Mark D. Boughton  
Mayor



## DANBURY PUBLIC SCHOOLS

Administrative Center

63 Beaver Brook Road

Danbury, Connecticut 06810-6211

(203) 797-4702 or (203) 797-4701

FAX: (203) 830-6562

Email address: [pascas@danbury.k12.ct.us](mailto:pascas@danbury.k12.ct.us)

**SAL V. PASCARELLA, Ed.D.**

**Superintendent of Schools**

August 4, 2009

Ms. Laurie Giannotti  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, Connecticut

Dear Ms. Giannotti:

This letter endorses the City of Danbury Health Department's proposal for a Recreational Trails grant to create educational access to the Still River Greenway. I affirm the participation of the Danbury School System as a partner for this creative project.

In June, 2008, I participated in a meeting with Mayor Boughton, Danbury's Health Director Scott LeRoy and Jack Kozuchowski the City's Greenway Consultant, where we explored and discussed the project. We all concurred that the use of Danbury open space preserves – including the Still River Greenway – as outdoor education sites for students of the Danbury School System was a laudable goal. We also agreed that grant funding was needed to pilot this project.

The grant application being submitted by the Danbury Health Department, if funded, will provide a constructive first step towards achieving Commissioner McCarthy's goal of "*no child left inside*" in the Danbury area. There is no better way to start then through captivating student projects with an organized program focused on a targeted objective. I commend the Health Department's proposal in that it provides such a framework and does not over-reach. By focusing on planning, organizing and executing two "environmental education days" on the Still river in 2010 and 2011, this pilot project will allow the Danbury Schools to work with the Health Department's project manager in developing specific activities with our faculty that can be carried out as achievable environmental observations for our students. It will also be a "pilot" for us to determine how it can be sustained in future years without state funding.

I will commit the Danbury School System to this project and will designate staff to work with the Health Department to carry out the project entitled "Exploring the River". I urge the State to support this creative venture to bring the environment as living learning centers for our students.

Respectfully Yours,

Salvatore Pascarella, Ed.D.

Superintendent of the Danbury Schools



## CITY OF DANBURY

155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810

### PLANNING & ZONING DEPARTMENT

(203) 797-4525  
(203) 797-4586 (FAX)

August 21, 2009

Ms. Laurie Giannotti  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, Connecticut

Re: Recreation Trails Grant  
Still River Greenway, Danbury, CT

Dear Ms. Giannotti:

I am writing this letter to endorse the City of Danbury's application for a recreational trails grant for the Still River Greenway. As Planning Director for the City, I wholeheartedly support the work plan detailed in the project proposal.

In 2002, the City of Danbury updated and adopted its *Plan of Conservation and Development*. One of the keystone recommendations in the *Plan* was to complete the work on the Still River Greenway. Indeed, the creation of greenways was a centerpiece of our *Plan* and I recognize the Still River trail corridor as the anchor project for the City that catalyzed the work in establishing other open space corridors such as the regional Ives Trail Greenway.

I have worked with the City Health Department as an advisor for this project since it began in 1996. The historical theme of the project centers on human stewardship over Danbury's water resources and the "rebirth" of the Still River following the successful elimination of industrial and municipal wastewater discharges into the River and its tributaries. The Still River Greenway is a creative demonstration of this success story and is used by school groups, the Chamber of Commerce, developers and conservationists as an example of how a municipality can reclaim a water resource as an aesthetic and recreational resource. Hence, the environmental education initiative encompassed in the grant proposal submitted to DEP in 2009 capitalizes on this theme by developing a formal link to education in the Danbury School System. This establishes a clear functional use that will promote and sustain the Still River as a resource to inform students of all ages on the meaning of "wise environmental stewardship."





## CITY OF DANBURY

155 DEER HILL AVENUE

DANBURY, CONNECTICUT 06810

**DAVID W. ST. HILAIRE**  
DIRECTOR OF FINANCE

(203) 797-4652  
FAX: (203) 796-1526

August 24, 2009

Ms. Laurie Giannotti  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, Connecticut 06106

Dear Ms. Giannotti:

The City of Danbury is applying for a Recreational Trails grant to subsidize the development of environmental education programs, which would also include the instrumentation of the City Health Department to assist the Danbury School System and other citizens in the Danbury area in conducting observations and for research during student outdoor classes on the river corridor.

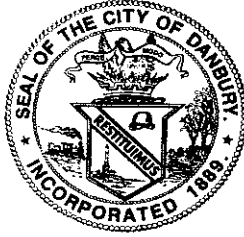
The source of the City's 20% cash match for this grant will be from a separate fund that has accumulated over the past 10 years consisting of special budgetary appropriations, various grants and donations, which were provided to the City of Danbury Health Department for the Still River Greenway project. All of these funds have been pooled in one continuing appropriations account that currently has approximately \$80,000 of unencumbered funds. These funds may be allocated to any activity that would enhance the construction, maintenance and use of the Still River Greenway. As such, the required matching funds would be considered eligible expenditures for the Recreational Trails grant, if awarded.

We understand that these funds need to be expended within three years of the execution of the service agreement between the State of Connecticut and the City of Danbury for this project. It is further understood that this grant would be allocated on a reimbursement basis for activities related to the grant proposal that has been prepared by the Health Department.

As always, the Finance Department will provide assistance in the financial administration of the grant to the Danbury Health Department, and if awarded, my department will be available to you as well to address any questions or concerns you may have regarding the financial administration of the grant.

Sincerely yours,

David W. St. Hilaire  
Director of Finance



## CITY OF DANBURY

CONSERVATION COMMISSION  
155 DEER HILL AVENUE  
DANBURY, CT 06810

(203) 797-4625

August 23, 2009

Ms. Laurie Giannotti  
Connecticut DEP Greenways Section  
79 Elm Street  
Hartford, Connecticut

Dear Laurie:

As Chairman of Danbury's Conservation Commission, I am endorsing the City's Recreational Trails grant application for the Still River Greenway, entitled "*Exploring the River: Tools to promote environmental learning on the Still River Greenway*". I also wish to clarify the role of the Conservation Commission in managing the Greenway.

The Commission has worked with the City and its Greenway designer, Jack Kozuchowski, since its inception in 1996. The Greenway serves as one of Danbury's natural area treasures, serving to demonstrate 1) how water quality improvements can open the door for restoring habitat along a watercourse and its floodplain, and 2) opening the restored resource as a showcase to the public. The City has strived hard to complete the Greenway. Now that construction is completed, it is essential that the functionality be promoted to the public. The City's grant proposal will be a catalyst for this important transition, by promoting the Greenway as an outdoor classroom of environmental observations for students of all ages. It will also ensure the resurrection of the Still River Alliance for its new function of promoting the Greenway to Connecticut citizens through annual river celebration day events. The Conservation Commission will commit to continuing a representative on the Still River Alliance.

Finally, since 2003, the Conservation Commission has managed the trail maintenance function of the Still River Greenway by contracting trail mowing and labor to clear a walkable corridor four times per year, during May-October. For the future, we will pledge the continued support for the maintenance function by requesting funding for these contractual services in the Commission's annual budget to the City of Danbury.

In summary, I urge the DEP to support this worthy grant proposal. The Still River Greenway is at a critical junction, transitioning from construction completion to promotion for passive recreation and educational functions. Your approval of the City's Recreational Trails grant will be a catalyst to make this happen.

Sincerely,

*William S. Montgomery*

William S. Montgomery  
Chairman

The State of Connecticut DOT owns most of the land along this corridor. Hence the feasibility study for the connection of the Brookfield to Danbury sections of a regional greenway is relatively uncomplicated and has a good prospect for successful implementation.

The Brookfield application, if funded, would also provide matching funding to subsidize a significant portion of the linear park along the River.

The City of Danbury's application for a Recreational Trails Grant focuses on the functionality of its greenway on the Still River.

Danbury's grant proposal requests funds for access to its river trail to allow the City to access the Greenway in a functional manner as an environmental learning center for school systems across the western Connecticut region and beyond.

Danbury's proposal to equip the schools with monitoring and observational equipment is commendable. If funded, this initiative will provide a model for Brookfield and New Milford to follow when their sections of the Greenway are completed.

The equipment request from Danbury for access and maintenance will cement the City's commitment to sustain the functionality of the greenway for years to come.

HVCEO is committed to playing a role as an advocate for the development of a regional greenway on the Still River. We host a website on the Still River Greenway and we offer GIS mapping services to support this worthy effort.

In a broader sense, since the issuance of the 1992 SCORP, which identified western Connecticut as the planning region in most need statewide for open space preservation, we have encouraged municipalities in the Housatonic Valley area to establish preserves and greenways dedicated to passive recreation and environmental education.

The Still River Greenway was a foundation for these efforts. As a model, it warrants DEP's support of these two applications to develop the Still River corridor as a regional greenway.

Respectfully Yours,



Jonathan Chew  
Executive Director

## **Attachment H: Project Tasks**

Project Phase	Task	Person Performing Work	Estimated completion date
<b>A. Maintenance</b>	1) Organize "Green Team" of citizen volunteers (a subcommittee of the Still River Alliance) to designate two [-person teams to inspect and maintain the Greenways four times per year	City of Danbury Greenway Consultant	May 1, 2010
	2) Prepare comprehensive tool list for maintaining greenway, identify vendors and purchase tools with City purchase order	City of Danbury Greenway Consultant	May 1, 2010
	3) Establish rotating schedule for Still River Greenway Maintenance for 2010, May-September	Chairman of the Still River Alliance	May 1, 2010
	4) Still River Alliance, creates "Greenway Maintenance Manual", orders tool, conducts orientation for trail maintenance volunteers	City Health Department's Greenway Consultant and City Public Works Department's Maintenance Supervisor	June 1, 2009
<b>B. Create access and facilitate program for environmental Education observations</b>	1) Create educational activities guide for Danbury Schools	City of Danbury Health Department's Greenway Consultant and School Systems Science Director	August 1, 2010
	2) Identify and procure environmental testing and observational equipment needed to conduct activities specified in guidance document	City of Danbury Health Department's Greenway Consultant and School Systems Science Director	September 1, 2010
	3) Conduct orientation session for teachers of Danbury Schools	City of Danbury Health Department's Greenway Consultant and School Systems Science Director	September 15, 2010
	4) Plan, organize and conduct the first annual "Exploring the River" day for Danbury School students. Prepare and install environmental database on upgraded Still River Website	City of Danbury Health Department's Greenway Consultant and School Systems Science Director	May 15, 2011
	5) Plan, organize and conduct the second annual " <i>Exploring the River</i> " day for Danbury School students	City of Danbury Health Department's Greenway Consultant and School Systems Science Director	May 15, 2012
<b>C. Regional Planning activities for Greenway integration</b>	1) Plan, organize and conduct a "community celebration day" for the opening of the regional greenway 2) Initiate Plan for expanding Danbury Still river Alliance into regional 501 c 3 organization to integrate Danbury and Brookfield sections of the Greenway	City of Danbury Recreation Director, Town of Brookfield Parks and Recreation Director	May 15, 2012

**Attachment I:** Documentation for source of local funding



## CITY OF DANBURY

155 DEER HILL AVENUE

DANBURY, CONNECTICUT 06810

**DAVID W. ST. HILAIRE**  
DIRECTOR OF FINANCE

(203) 797-4652  
FAX: (203) 796-1526

August 24, 2009

Ms. Laurie Giannotti  
Connecticut Department of Environmental Protection  
79 Elm Street  
Hartford, Connecticut 06106

Dear Ms. Giannotti:

The City of Danbury is applying for a Recreational Trails grant to subsidize the development of environmental education programs, which would also include the instrumentation of the City Health Department to assist the Danbury School System and other citizens in the Danbury area in conducting observations and for research during student outdoor classes on the river corridor.

The source of the City's 20% cash match for this grant will be from a separate fund that has accumulated over the past 10 years consisting of special budgetary appropriations, various grants and donations, which were provided to the City of Danbury Health Department for the Still River Greenway project. All of these funds have been pooled in one continuing appropriations account that currently has approximately \$80,000 of unencumbered funds. These funds may be allocated to any activity that would enhance the construction, maintenance and use of the Still River Greenway. As such, the required matching funds would be considered eligible expenditures for the Recreational Trails grant, if awarded.

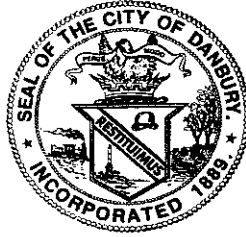
We understand that these funds need to be expended within three years of the execution of the service agreement between the State of Connecticut and the City of Danbury for this project. It is further understood that this grant would be allocated on a reimbursement basis for activities related to the grant proposal that has been prepared by the Health Department.

As always, the Finance Department will provide assistance in the financial administration of the grant to the Danbury Health Department, and if awarded, my department will be available to you as well to address any questions or concerns you may have regarding the financial administration of the grant.

Sincerely yours,

David W. St. Hilaire  
Director of Finance

**Attachment J: Documentation of Greenway Maintenance Plan**



## CITY OF DANBURY

CONSERVATION COMMISSION  
5 DEER HILL AVENUE  
DANBURY, CT 06810

(203) 797-4625

August 23, 2009

Ms. Laurie Giannotti  
Connecticut DEP Greenways Section  
70 Elm Street  
Hartford, Connecticut

Dear Laurie:

As Chairman of Danbury's Conservation Commission, I am endorsing the City's Recreational Trails grant application for the Still River Greenway, entitled "*Exploring the River: Tools to promote environmental learning on the Still River Greenway*". I also wish to clarify the role of the Conservation Commission in managing the Greenway.

The Commission has worked with the City and its Greenway designer, Jack Kozuchowski, since its inception in 1996. The Greenway serves as one of Danbury's natural area treasures, serving to demonstrate 1) how water quality improvements can open the door for restoring habitat along a watercourse and its floodplain, and 2) opening the restored resource as a showcase to the public. The City has strived hard to complete the Greenway. Now that construction is completed, it is essential that the functionality be promoted to the public. The City's grant proposal will be a catalyst for this important transition, by promoting the Greenway as an outdoor classroom of environmental observations for students of all ages. It will also ensure the resurrection of the Still River Alliance for its new function of promoting the Greenway to Connecticut citizens through annual river celebration day events. The Conservation Commission will commit to continuing a representative on the Still River Alliance.

Finally, since 2003, the Conservation Commission has managed the trail maintenance function of the Still River Greenway by contracting trail mowing and labor to clear a walkable corridor four times per year, during May-October. For the future, I will pledge the continued support for the maintenance function by requesting funding for these contractual services in the Commission's annual budget to the City of Danbury.

In summary, I urge the DEP to support this worthy grant proposal. The Still River Greenway is at a critical junction, transitioning from construction completion to promotion for passive recreation and educational functions. Your approval of the City's Recreational Trails grant will be a catalyst to make this happen.

Sincerely,

*William S. Montgomery*

William S. Montgomery  
Chairman



**Attachment K: Project Cost Estimates**

## **Attachment K: Project Cost Estimates**

<b>Task #</b>	<b>Task <sup>1</sup></b>	<b>Cost - DEP</b>	<b>City Match</b>	<b>TOTAL PROJECT</b>
A1	City Health Department retains greenway consultant, Danbury School System designates Science curriculum coordinator for the project	\$20,000 <sup>2</sup>	\$7,000	\$27,000
A2, B2	Prepare specification for stream monitoring and floodplain observation equipment	\$0	Included in greenway consultant task deliverables	
B2	Purchase equipment and instrumentation and data logging equipment specified in Step 5 <sup>3</sup>	\$9000	\$4,000	\$13,000
B1	Prepare draft of environmental education guidance document for Danbury School teachers, review draft and finalize for installation on Website	See II.4	Included in greenway consultant task deliverables	
B3	Conduct orientation for Danbury teachers to Still River Greenway and environmental education guidance document, including integration of observations of invasive control project as a field class education module.	See II.4 <sup>5</sup>	Included in greenway consultant task deliverables	
B4	Design technical content for Still River Website, which will include environmental observations database. Install new additions to the Still River Website	See II.4 <sup>5</sup>	Included in greenway consultant task deliverables	
B4	Plan, organize and conduct first environmental education day on Still River Greenway (Spring 2010)	See II. <sup>5</sup>	Included in greenway consultant task deliverables	
B5	Plan, organize and conduct first environmental education day on Still River Greenway (Spring 2011)	See II. <sup>5</sup>	Included in greenway consultant task deliverables	
10% budget contingency		\$ 3,000		\$3,000
<b>TOTAL PROJECT COST</b>				<b>\$43,000</b>
Subtotal 1 (City match)			\$10,000	
Subtotal 2 (DEP request)		<b>\$ 33,000</b>		

<sup>1</sup> Tasks 1-6 are keyed to the scope of work specified in Attachment H

<sup>2</sup> See attached Project management services estimated provided in Table K.1

<sup>3</sup> See sampling and analytical equipment/instrumentation costs in Table K.2

<sup>4</sup> City School System to provide two laptop computers and mapping software, dedicated to recording field measurements in permanent database. Includes projection equipment for presentations

<sup>5</sup> Costs included in consulting estimate detailed on Table K.1

**Table K.1 Project Management Consultant Cost Estimate**

<b>Task #</b>	<b>Service Description</b>	<b>Consultant service estimate</b>
II.4	Conduct field walks on Still River Greenway with School System designated curriculum coordinator to identify field stations for environmental education activities and science observation equipment needed	\$500
II.5	Prepare specification for stream monitoring and floodplain observation equipment	\$500
II.6	Prepare draft of environmental education guidance document for Danbury School teachers, review draft and finalize for printing	\$2,000
II.8 (a)	Conduct orientation for Danbury teachers to Still River Greenway and environmental education guidance document for year 1	\$1,000
II.8 (b)	Conduct state-wide orientation for teachers to Still River Greenway and environmental education guidance document for year 2	\$1,000
II.8 (c)	Plan organize and execute invasive control project on floodplain of Greenway; photograph and video stages of invasive control project and install on Website. Conduct orientation of area educators for invasive control project as education tool.	\$6,000
II.9	Create environmental observations database, populate database with first two years of observations data; establish quality control guidelines for Webmaster to verify new observation entries proposed by observers; install environmental education database on Website; summarize environmental education activity guides and post on Website; photograph and video environmental observation activities for posting on Website; identify webmaster and establish website updating routine.	\$11,000
II.10	Plan, organize and conduct first environmental education day on Still River Greenway (Spring 2011)	\$2,500
II.11	Plan, organize and conduct first environmental education day on Still River Greenway (Spring 2012)	\$2,000
TOTAL		\$27,000

**Table K.2: Estimates for Environmental Monitoring, Data Recording and Field Equipment**

Item	#	Functional Requirements	Description	Cost	Source of Estimate
DREL 2800 Complete Water Quality Field Laboratory Test Kit	1	Stream Team Monitoring of Water Quality Indicators	Items include testing meters and titration equipment for pH, turbidity, dissolved oxygen, nitrates, phosphates (quantity of reagents for up to 100 field visits)	\$5652	HACH Catalogue, page
LaMotte Professional Kick net with pole (2)	2	Stream Team invertebrate monitoring	Net for capturing aquatic invertebrates	\$ 160	Forestry Supplies on-line catalogue
14 plate Hester Dend in-stream invertebrate samplers	2	Stream Team invertebrate monitoring	Long term site monitors for aquatic invertebrates	\$ 40	Acorn Naturalists on-line catalogue
Keyson Roadrunner Dual Wheel Professional metal measuring device	2	Measuring transects for floodplain surveys	Measures linear areas on forest floor	\$90	Ben Meadows on-line catalogue
Foot candle/flu densimeters	4	Floodplain surveys	Measures light transmission through forest canopy	\$ 400	Ben Meadows on-line catalogue
Rubber knee boots	20	For stream access and floodplain walking in high grasses	Steel toe waterproof boots (4 different sizes for students)	\$ 400	McMaster Carr on-line catalogue
Garmin Colorado GPS field meter	4	For recording accurate latitude/longitude bearings at sites of field observations	Units have accuracy to within 1 meter. High sensitivity chipset has ability to receive signals in full foliage. Topographic maps of US loaded	\$2,000	On-loine information from Garmin
Digital data recorders	4	For voice recording of field data	Digital voice recorder for up to 72 hours of recording	\$ 200	Radio Shack
TOTAL				\$8942	

**Attachment M:** Educational Project Supplemental Application

# Attachment M: Educational Project Supplemental Application

Print or type unless otherwise noted. This supplemental application must be completed and submitted with a completed *Recreational Trails Program Application* (DEP-TRAILS-APP-001) for those proposing an educational project.

## Supplemental Project Information

Applicant Name: **City of Danbury**

1. **Need for Proposed Education:** Why are you proposing this educational project and how did you determine the need for this educational program.

**School Systems around the State of Connecticut are faced with a common challenge: How to bring the reality of environmental science into the classroom? School laboratory experiments, video simulations and on line resources can provide some insights into the workings of nature but they are no substitute for bringing students out into the field to observe natural processes and probe the workings of ecosystems.**

**Similarly, higher education institutions, outdoor recreation and conservation groups and individual citizens of the City of Danbury, the western Connecticut region, and the entire State of Connecticut have few opportunities to promote interactive learning in the outdoors to demonstrate how an ecosystem works in nature.**

**The City of Danbury intends to launch a creative network of interrelated outdoor learning centers on City open space greenways that are aimed at providing life-long learning opportunities for students of all ages. This grant proposal will be the first phase of initiating this program - focusing on a riverine and floodplain environment- and will be used as a pilot to design a broader outdoor learning program that targets other types of ecosystems (lakes, forests, meadows) in the Danbury area.**

**Finally, it should be noted that the program is unique in its intent to integrate environmental education with outdoor recreation. The City of Danbury hopes to achieve this goal by linking its "greenways" to people learning about their environment. The program will succeed when it makes these outdoor learning centers a recreational outlet for people to get involved in studying how ecosystems work, while enjoying a day in the natural environment.**

2. **Target Audience:** Describe your students. Will you reach a local, regional, statewide or national audience?

**The program is aimed at students of all ages. Initially, the program will be organized through local educational institutions, but will evolve into an annual "Learn about the outdoors" day that will be open to students at any level throughout the State of Connecticut.**

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.

## Supplemental Project Information (continued)

3. **Educational Method:** How will you educate your audience? Will you produce printed material, signage, website, lectures or workshops? Give details about how you propose to deliver your information and tell us why it is the preferred method.

The audience - students of all ages - will be targeted through an outdoor "Still River Celebration Day" that will eventually expand to other ecosystems in the greater Danbury area. The planning and organizing of the event will facilitate "focus groups" that will provide tours and demonstrations of the riverine and floodplain ecosystems and record the observations on a uniform environmental database that can be built upon in subsequent observational periods.

An "environmental education activity guide" will be prepared to promote learning with a minimum of printed materials. The objective is to train the student to observe a natural feature of the ecosystem and recording the information on to the database. This method is preferred, to promote "paperless learning" and to focus on the outdoors as opposed to reading about it on paper. The existing Still River Website will be revamped to provide the interaction of learners of all ages and for passing the observations from generations of student observers from one year to the next.

Initially, the program will be planned by the Science Curriculum Director of the Danbury School System and Danbury's Greenway Consultant, but will expand to cultivate the partnerships described below.

4. **Partnerships:** Describe any participation or sponsorship with other groups and/or the public to develop, deliver and maintain your educational program.

The "Still River Alliance" will function as the steering group for this effort. It will expand the project from the City of Danbury schools to Western Ct State University, youth groups, conservation organizations, civic groups, senior citizens and other students of the greater Danbury area.

5. **Demonstration of Results:** How will you know if your educational message has been delivered and received by the audience?

**Achievement parameters:**

- (1) Participation at 2011 and 2012 environmental education days on the Still River
- (2) Number of groups that connect to the Still River learning center via the Still River Alliance
- (3) The volume of observations recorded in the environmental education database by 2012.
- (4) The number of future events and programs planned by the Still River Alliance beyond 2012.

☐ Check here if additional sheets are necessary, and label and attach them to this sheet.